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## 一、接口说明

对象说明

### 1.请求对象

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数 | 必填 | 类型 | 说明 | 用例 |
| requestMetaInfo | Y | RequestMetaInfo | UAPI签名信息 |  |
| requestEntity | Y | AirFlightShopRequest | 请求实体 |  |

RequestMetaInfo

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数 | 必填 | 类型 | 说明 | 用例 |
| userName | Y | string | 用户名 |  |
| signCode | Y | string | 签名信息；加密规则：MD5(”tz  Openapi” + ”signCode” + 密码  + ”timeStamp” + timestamp的 值 + ”userName” + userName的 值 + ”tzOpenapi”) ”tzOpenapi”,  ”signCode”, ”timeStamp”, ”user  Name”为固定字符串值 | MD5(”tzOpe napi” + ”sig nCode” + ”5 b 6 7 y 4 a e”+  ”t i m e S t a m p” + ”13892  62194” + ”u serName” +  ”544086d04a c 5 7 8 2 4 3 5 a d  0e21” + ”tz Openapi”)生 成  7E4911FAC9  C60D971EC0  5ADAA2EACF  6B  ，把 这 个 值 作 为 节 点signCod e的值 |
| timeStamp | Y | string | 时 间 戳 ； 时 间 戳 是 自1 9 70年1月1日 （08:00:00 GMT）至当前时间的总秒数。必须使用Unix时间戳。请注意，windows平台开发时需要使用unix时间戳 | 1383030298 |
| requestID | N | string | 请求ID；每次请求接口时生成的 随机数，用于识别不同的请求， 用于双方查询日志，可为空 | 524d2798e4b 如果是app端 的请 求 ，req uestID传tim  eStamp+” b ycapp” |
| callbackUrl | N | string | 异步回调地址；接口支持异步调  用，如异步调用需提供回调地址 |  |
| responseDataTy pe | N | TransferDataTy peEnum | 返回数据类型枚举；指定返回结  果类型； | JSON*|*XML |

AirInterFaceRequest

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数 | 必填 | 类型 | 说明 | 用例 |
| type | Y | AirInterFaceEnum | 请求类型 | AirFlightShop|AirAvailByFlt|AirPriceBySeg |
| airFlightShopRequest | N | String | 航信原始查询请求 | [请参见航信接口文档](AirFlightShop_D.pdf) |
| airAvailByFltRequest | N | String | 航信原始验舱请求 | [请参见航信接口文档](AirAvailByFlt.pdf) |
| airPriceBySegRequest | N | String | 航信原始验价请求 | [请参见航信接口文档](AirPriceBySeg_D.pdf) |

### 2.返回对象

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 参数 | 必填 | 类型 | | 说明 | 用例 |
| responseMetaInfo | Y | | ResponseMetaInfo | 接口返回状态信息 | requestMetaInfo |
| requestEntity | Y | | AirFlightShopResponse | 接口返回实体 | requestEntity |

ResponseMetaInfo

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数 | 必填 | 类型 | 说明 | 用例 |
| resultCode | Y | String | 错误代码：0标识正常返回，其他标识错误返回 |  |
| reason | N | String | 错误原因，请求错误才会返回具体原因 |  |

AirInterFaceResponse

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 参数 | 必填 | 类型 | 说明 | 用例 |
| airFlightShopResponse | N | String | 航信原始查询返回 | [请参见航信接口文档](AirFlightShop_D.pdf) |
| airAvailByFltResponse | N | String | 航信原始验舱返回 | [请参见航信接口文档](AirAvailByFlt.pdf) |
| airPriceBySegResponse | N | String | 航信原始验价返回 | [请参见航信接口文档](AirPriceBySeg_D.pdf) |

## 二．请求样例：

### 1.XML:

<?xml version="1.0" encoding="utf-8"?>

<TzRequest xmlns="http://www.travelzen.com/flight/base" xmlns:domestic="http://www.travelzen.com/flight/domestic" xmlns:insure="http://www.travelzen.com/flight/insure" xmlns:international="http://www.travelzen.com/flight/international" xmlns:basic="http://www.travelzen.com/flight/basic">

<requestMetaInfo>

<userName>5530acefe4b09b8ecde21ed6</userName>

<signCode>fesdfdwfd</signCode>

<timeStamp>43556547</timeStamp>

<responseDataType>XML\_PLAIN</responseDataType>

</requestMetaInfo>

<requestEntity xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:type="domestic:AirInterFaceRequest">

<domestic:type>AirFlightShop</domestic:type>

<domestic:airFlightShopRequest><![CDATA[<FareInterface>

<Input>

<HeaderIn>

<sysCode>CRS</sysCode>

<channelID>1E</channelID>

<channelType>COMMON</channelType>

<Agency>

<officeId>SHA255</officeId>

<pid>11996</pid>

<city>SHA</city>

</Agency>

<language>CN</language>

<commandType>FLS</commandType>

</HeaderIn>

<Request>

<FlightShopRequest>

<OriginDestinationInfo>

<ori>SHA</ori>

<des>CAN</des>

<DepartureDate>24MAY17</DepartureDate>

<carrier></carrier>

</OriginDestinationInfo>

<TravelPreferences>

<cabinClass>C</cabinClass>

<displayCurrCode>CNY</displayCurrCode>

<currCode>CNY</currCode>

<isDirectFlightOnly>false</isDirectFlightOnly>

<journeyType>OW</journeyType>

<isDealModel>false</isDealModel>

<passenger>

<number>1</number>

<type>AD</type>

</passenger>

</TravelPreferences>

<Option>

<fcFeature>0</fcFeature>

<isAvNeeded>Y</isAvNeeded>

<isPSnNeeded>Y</isPSnNeeded>

<isPsAvBindsNeeded>Y</isPsAvBindsNeeded>

<isFaresNeeded>Y</isFaresNeeded>

<ruleTypeNeeded>Y</ruleTypeNeeded>

<format>NOR</format>

<lowestOrAll>A</lowestOrAll>

<fareSource>ALL</fareSource>

</Option>

</FlightShopRequest>

</Request>

</Input>

</FareInterface>]]></domestic:airFlightShopRequest>

</requestEntity>

</TzRequest>

### 2.JSON：

{

"requestMetaInfo": {

"appType": "tdx",

"requestID": "1489567630202\_bycapp\_android",

"responseDataType": "JSON",

"signCode": "A64AC53A9A7EFF6290A6AC7CD027EAD5",

"timeStamp": "1489567630202",

"userName": "5530acefe4b09b8ecde21ed6"

},

"AirInterFaceRequest": {

"type": AirFlightShop,

"airFlightShopRequest": "<FareInterface>

<Input>

<HeaderIn>

<sysCode>CRS</sysCode>

<channelID>1E</channelID>

<channelType>COMMON</channelType>

<Agency>

<officeId>SHA255</officeId>

<pid>11996</pid>

<city>SHA</city>

</Agency>

<language>CN</language>

<commandType>FLS</commandType>

</HeaderIn>

<Request>

<FlightShopRequest>

<OriginDestinationInfo>

<ori>SHA</ori>

<des>CAN</des>

<DepartureDate>24MAY17</DepartureDate>

<carrier></carrier>

</OriginDestinationInfo>

<TravelPreferences>

<cabinClass>C</cabinClass>

<displayCurrCode>CNY</displayCurrCode>

<currCode>CNY</currCode>

<isDirectFlightOnly>false</isDirectFlightOnly>

<journeyType>OW</journeyType>

<isDealModel>false</isDealModel>

<passenger>

<number>1</number>

<type>AD</type>

</passenger>

</TravelPreferences>

<Option>

<fcFeature>0</fcFeature>

<isAvNeeded>Y</isAvNeeded>

<isPSnNeeded>Y</isPSnNeeded>

<isPsAvBindsNeeded>Y</isPsAvBindsNeeded>

<isFaresNeeded>Y</isFaresNeeded>

<ruleTypeNeeded>Y</ruleTypeNeeded>

<format>NOR</format>

<lowestOrAll>A</lowestOrAll>

<fareSource>ALL</fareSource>

</Option>

</FlightShopRequest>

</Request>

</Input>

</FareInterface>"

}

}